

HEMATITE FUEL FABRICATION FACILITY, WAREHOUSE
(Building No. 231)
3300 State Road P
Festus
Jefferson County
Missouri

HAER MO-113-F
MO-113-F

PHOTOGRAPHS

WRITTEN HISTORICAL AND DESCRIPTIVE DATA

HISTORIC AMERICAN ENGINEERING RECORD
National Park Service
U.S. Department of the Interior
1849 C Street NW
Washington, DC 20240-0001

HISTORIC AMERICAN ENGINEERING RECORD

HEMATITE FUEL FABRICATION FACILITY BUILDING 231 (Warehouse)

HAER No. MO-113-F

- Location:** 3300 State Road P
Festus, Jefferson County, Missouri
- Present Owner:** Westinghouse Electric Company Limited Liability Corporation (LLC).
- Present Use:** Building 231 is currently being used to store clean material needed to support post shutdown operations.
- Significance:** Building 231 is a non-contributing building to the overall historic integrity of the Facility because it was constructed after the period of significance for this Facility. Building 231 was used to store shipping containers, and some shipping container refurbishment was also undertaken in this area.

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PART I. HISTORICAL INFORMATION

A. Physical History

1. **Date of Construction:** 1993
2. **Architect:** The architect for this building is unknown.
3. **Owners, Occupants and Uses:** Owners include: Asa Brown Boveri (ABB) and Westinghouse Electric, LLC.
4. **Builder-Contractor:** The contractor is unknown.
5. **Original Plans and Construction:** The original plans for Building 231 are in the possession of Westinghouse Electric Company Limited Liability Corporation (LLC).
6. **Alterations and Additions:** There have been no alterations or additions.

B. Historical Context

Building 231 was used to house the shipping containers that held the rod assemblies.

PART II. ARCHITECTURAL INFORMATION

A. General Statement

1. **Architectural Character:** Modern industrial
2. **Condition of Fabric:** Excellent

B. Description of Exterior

1. **Overall dimensions:** This building measures 58'-4" x 98'-4." Building 231 measures 5,684 total square feet.
2. **Foundation:** Concrete

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3. **Walls:** Metal siding
4. **Structural system, framing:** Steel framing
5. **Porches:** There are no porches.
6. **Chimneys:** There are no chimneys.
7. **Openings:**
 - a. **Doorways and Doors:** There are three bay doors on the south side and one bay door on the east side of the building.
 - b. **Windows:** There are no windows.
8. **Roof:**
 - a. **Shape, covering:** Flat metal roof
 - b. **Cornice, eaves:** There are no cornices or eaves.
 - c. **Dormers, cupolas, towers:** There are no dormers, cupolas or towers.

C. Description of Interior

1. **Floor plans:** Open floor plan
2. **Stairways:** There are no stairways.
3. **Flooring:** Concrete slab
4. **Wall and ceiling finish:** Exposed exterior metal siding and steel framing
5. **Openings:** There are no interior openings
6. **Decorative features:** There are no decorative features.
7. **Hardware:** Modern hardware

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8. Mechanical equipment:

- a. Heating, air conditioning, ventilation:** Modern heating and cooling system
- b. Lighting:** Fluorescent
- c. Plumbing:** There is no plumbing.

D. Site

- 1. General setting and orientation:** Building 231 is connected to Building 230 on the north.
- 2. Historic landscape design:** Vernacular landscape

PART III. SOURCES OF INFORMATION

- A. Architectural drawings:** The original plans are currently held by Westinghouse Electric Company Limited Liability Corporation (LLC).

B. Bibliography:

Malich, Phillip J. *034-JE-02 Proposed Hematite Former Fuel Processing Facility*. Missouri Department of Natural Resources, State Historic Preservation Office, Jefferson City, Missouri, 2002.

PART IV. PROJECT INFORMATION

This Historic American Engineering Record (HAER) documentation project was undertaken due to the owner's desire to decommission the Facility. The Facility will be disassembled (this is being done for safety purposes and the work is being done in accordance with federal law and regulations regarding hazardous waste clean-up and disposal). In 2003, Westinghouse Electric Company, LLC, hired SCI Engineering, Inc., of St. Charles, Missouri, to complete the HAER documentation of the Hematite Fuel Fabrication Facility. Dr. Steve Dasovich supervised the project and Historian Colleen Small-Vollman authored the HAER documentation report. The report was compiled by Susan Sheppard. Bruce Meyer and Todd Kapler completed the photographic documentation of the Facility, and Asa Westphal completed the floor plan drawings.